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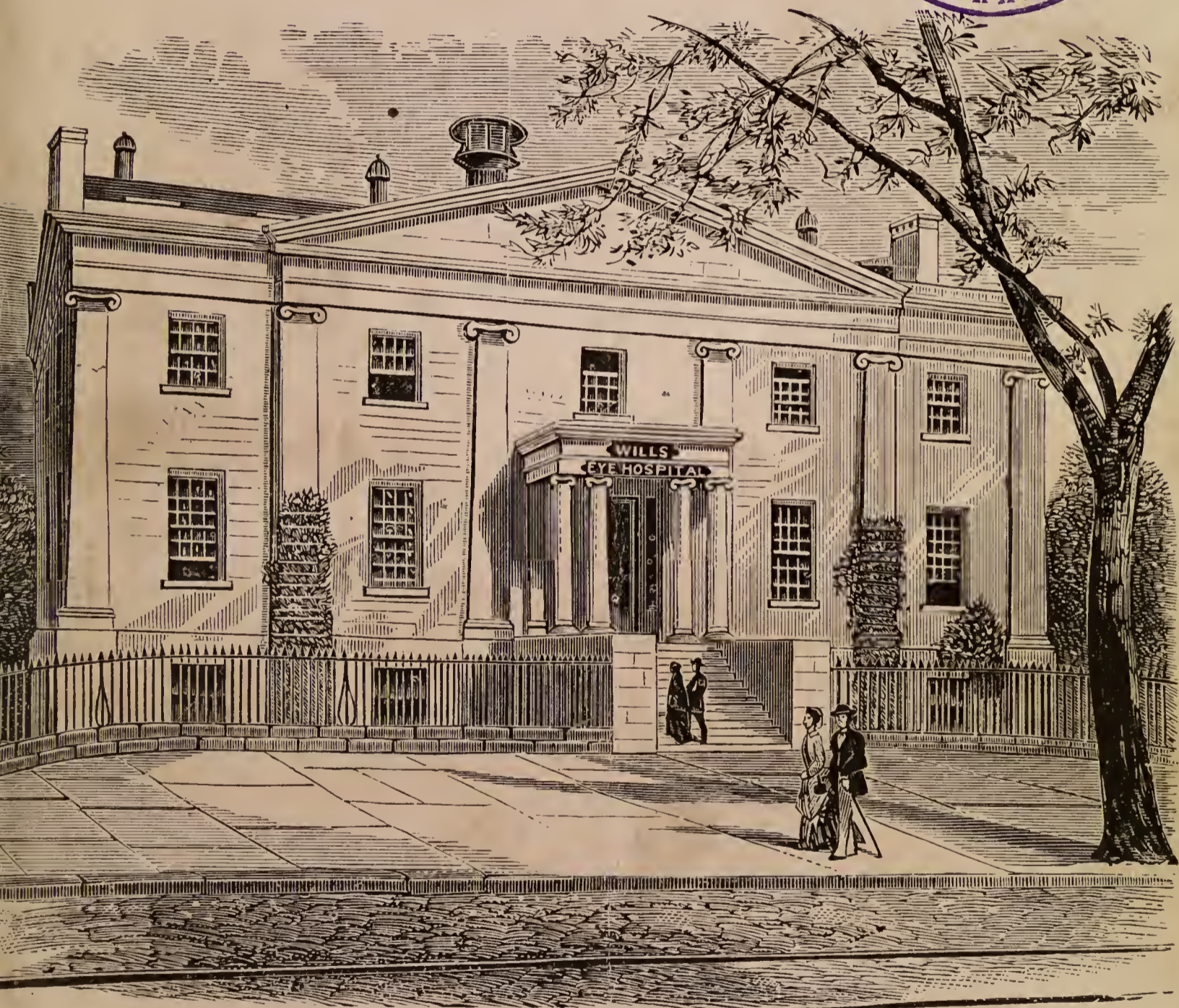
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THE WILLS EYE HOSPITAL,

SOUTH LOGAN SQUARE,

PHILADELPHIA.

FOUNDED 2d APRIL, 1832.



REPORT

FOR THE YEAR ENDED DECEMBER 31, 1889.

PHILADELPHIA,

1890.

As the Hospital is designed for the indigent only, and all others are excluded by express order of the Directors, Physicians are urged to discourage persons who are able to pay for medical services from applying.

The Wills Eye Hospital,

SOUTH LOGAN SQUARE.

FOUNDED 2D APRIL, 1832.

Report

For the Year Ended December 31, 1889.

PHILADELPHIA:

1890.



PHILADELPHIA:
BURK & McFETRIDGE, PRINTERS,
Nos. 306 and 308 Chestnut St.
1890.

THE INSTITUTION

IS GOVERNED BY THE

BOARD OF DIRECTORS OF CITY TRUSTS.

W. HEYWARD DRAYTON, PRESIDENT,
706 Walnut Street.

Ex-Officio Member of all Standing Committees.

LOUIS WAGNER, VICE-PRESIDENT,
City Hall, Broad and Market Streets.

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1307 Walnut Street.

WILLIAM L. ELKINS,
423 Walnut Street.

JAMES CAMPBELL,
215 South Sixth Street.

WILLIAM B. MANN,
S. E. cor. Sixth and Chestnut Sts.

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MEMBERS OF THE BOARD, "EX-OFFICIO."

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FRANK M. HIGHLEY, *Secretary*, 19 South Twelfth Street.

OFFICERS.

Emeritus Surgeons.

T. G. MORTON, M. D. R. J. LEVIS, M. D.
W. THOMSON, M. D.

Attending Surgeons.

H. E. GOODMAN, M. D. W. W. McCLURE, M. D.
A. D. HALL, M. D. W. F. NORRIS, M. D.
G. C. HARLAN, M. D. G. STRAWBRIDGE, M. D.
P. D. KEYSER, M. D. H. S. SCHELL, M. D.

Pathological Curator.

W. F. NORRIS, M. D.

House Surgeon.

JOSEPH OTTO, M. D.

Steward.

RICHARD WISTAR.

Matron.

CHARLOTTE WISTAR.

Head Nurse.

MARY WILSON.

CLINIC HOURS.—From 2 to 3 P. M., daily (Sundays excepted), at which time the Surgeons are in attendance for the examination and treatment of the patients presenting themselves.

The Clinics are open to all regular Practitioners and Students of Medicine who desire to study the diseases of the eye.



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WILLS HOSPITAL.

SURGEONS' REPORT FOR 1889.

THE Surgeons of the Wills Eye Hospital beg leave to present their report for the year ending December 31st, 1889.

The following are a few of the events we deem most worthy of being presented to your notice :—

The establishment of a drug store in the Hospital, which was chronicled in last year's report, has more than fulfilled the expectations of its desirability, in the reduction of the annual drug bill. In no clinic is more careful and painstaking work done, and no clinic shows better results therefrom than the Wills Hospital. The Hospital practice, except in operation cases, is almost entirely among out-patients. If good work is to be carried on by the Surgeons in the out-patient rooms, the arrangements and management must be as carefully attended to as that of the in-patient wards. Above all things the waiting and consulting rooms should be separate ; for these reasons new rooms for the Dispensary service are urgently needed.

The overcrowding of the present apartments renders difficult all system, classification and the orderly quiet so necessary to the delicate process of optical examination, and is a hindrance alike to patients and surgeons.

In making a retrospect for the year, amid some causes for discouragement, one fact is very gratifying to the Surgeons, and that is that 147 operations for cataract were done during the year, which is a greater number than has ever been done before, with the exception of the year 1883.

In the tabulated report, under the head of Anomalies of Refraction and Accommodation, 3,431 cases are noted, as against 3,069 last year. These simple facts represent some of the most laborious work of the Hospital, and, although surrounded by no brilliancy of operative detail, are really one of the most important items of the charitable work of the Hospital, in furnishing the humble workers of both sexes, in properly adjusted spectacles, the means of earning, in honest independence, their daily bread.

During the past year 10,206 persons applied for treatment, the largest number yet recorded in any one year, and 2,315 operations were performed.

In the Hospital are ample accommodations for one hundred patients. In the early part of the year sixty patients could find beds in the wards, but later the number was reduced to forty, owing to the lack of an expected appropriation from the State. This was a great draw-back to our usefulness, for we had often to turn worthy applicants from our doors. Of the number admitted to the Hospital nearly one-half were not from the City of Philadelphia, and we would earnestly urge the assistance of the State in the care of her disabled citizens.

The Surgeons desire to acknowledge the efficient services of the House Surgeon, the Clinical Clerks, the Steward and Matron, whose care and attention have contributed to the results of the year.

CASES TREATED IN 1889.

Patients admitted to the Wards,	471
“ attending the Dispensary service,	10,206
Number of operations during the year,	2,315

CLASSIFICATION OF DISEASES OF THE EYE.

1.—Affections of the Lids and Eye-brows.

Chalazion,	132
Hordeolum,	56
Blepharitis marginalis,	259
Blepharospasm,	13
Symblepharon,	12
Anchyloblepharon,	2
Ectropion,	14
Entropion,	12
Trichiasis,	11
Distichiasis,	2
Palpebral abscess,	23
“ oedema,	9
“ ecchymosis,	1
Burn of lid,	9
Wounds of lid,	9
Ptosis,	1
Phtheiriasis ciliaris,	4
Herpes zoster,	2
<i>Carried forward,</i>	571

<i>Brought forward,</i>	571
Eczema,	30
Erysipelas,	1
Pseudo-erysipelas,	1
Pinguecula,	2
Angioma,	1
Epithelioma,	8
Papilloma,	3
Dermoid cyst,	3
	<hr/>
	620
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2.—Affections of the Lachrymal Apparatus.

Dacryo-adenitis,	1
Dacryo-cystitis,	3
Mucocele of lachrymal sac,	2
Blenorrhoea of lachrymal sac,	12
Abscess of lachrymal sac,	17
Fistula lachrymalis,	5
Epiphora,	8
Obstruction of lachrymal duct,	74
Stricture of the lachrymal duct,	39
Lachrymocele,	1
	<hr/>
	162
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3.—Affections of the Conjunctiva.

Conjunctivitis, catarrhalis, acuta,	772
“ “ chronica,	133
“ granulosa,	129
“ phlyctenulosa,	277
“ traumatica,	40
“ diphtheritica,	3
“ purulenta,	9
“ purulenta, gonorrhoeica,	19
“ “ neonatorum,	33
	<hr/>
<i>Carried forward,</i>	1,415

<i>Brought forward,</i>	1,415
Subconjunctival hemorrhage,	49
Burn of conjunctiva,	20
Wounds of conjunctiva,	4
Foreign bodies in conjunctiva,	20
Conjunctival cyst,	3
Trachoma,	11
Pterygium,	58
Ecchymosis,	4
Oedema,	3
Chemosis,	3
Pinguecula,	7
Papilloma,	1
	1,598

4.—Affections of the Cornea and Sclerotic.

Keratitis, phlyctenulosa,	195
“ vascularis, (pannus),	28
“ interstitialis,	71
“ punctata, (Descemitis),	7
“ traumatica,	77
“ ulcerativa,	213
“ suppurativa, ulcus serpens,	11
“ “ hypopyon,	11
“ “ abscess,	8
Kerato-iritis,	43
Kerato-conus, (conical cornea),	7
Staphyloma corneæ,	31
Macula corneæ,	100
Leucoma corneæ,	27
“ central,	20
“ total,	13
“ adherent,	20
Calcareous deposit in cornea,	1
<i>Carried forward,</i>	883

<i>Brought forward,</i>	883
Wounds of cornea,	23
Foreign body in cornea,	1,520
Foreign body in anterior chamber,	1
Episcleritis,	17
Sclerotitis,	4
Perforating wound of sclerotic,	8
Slough of cornea,	1
	<hr/>
	2,457
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5.—Affections of the Crystalline Lens.

Cataract, senile, mature,	97
“ “ incipient,	162
“ complicate,	9
“ calcareous,	1
“ traumatic,	55
“ soft,	3
“ choroidal,	3
“ congenital,	17
“ pyramidal,	1
“ posterior polar,	10
“ secondary capsular,	5
Dislocation of lens, congenital,	3
Dislocation of lens, traumatic,	17
Foreign body in lens,	2
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	385
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6.—Affections of the Iris and Ciliary Body.

Iritis, plastica,	61
“ syphilitica,	59
“ rheumatica,	17
“ traumatica,	9
“ serosa,	9
	<hr/>
<i>Carried forward,</i>	155

<i>Brought forward,</i>	155
Irido-cyclitis,	25
Irido-choroiditis,	16
Irido-dialysis, traumatic,	3
Anterior synechia,	3
Posterior synechia,	3
Occlusion of pupil,	11
Prolapsus iridis,	4
Foreign body in iris,	3
Coloboma of iris,	6
Gumma "	1
Tumor "	1
Myosis,	1
Heterochromia iridis,	1
Cyclitis, plastica,	2
" serosa,	2
" traumatic,	2
Sympathetic ophthalmitis,	3
Sympathetic irritation,	5
Ciliary staphyloma,	1
Persistent pupillary membrane,	1
	249

7.—Affections of the Choroid and Vitreous.

Choroiditis, disseminata,	14
" exudativa,	4
" suppurativa,	1
" maculæ luteæ,	10
Retino-choroiditis,	16
Sclero-choroiditis, (post),	2
Choroidal atrophy,	10
Hyperæmia of choroid,	5
Choroidal hemorrhage,	3
<i>Carried forward,</i>	65

<i>Brought forward</i> ,	65
Glaucoma, acute,	18
“ chronic,	31
“ absolute,	3
Hyalitis,	32
Hemorrhage into vitreous,	5
Vitreous opacities,	12
Fibrous growth in vitreous,	1
Muscae volitantes,	9
Albinotic eyes,	1
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	177

8.—Affections of the Retina and Optic Nerve.

Retinitis, apoplectica,	7
“ serosa,	3
“ syphilitica,	9
“ albuminurica,	13
“ pigmentosa,	11
“ maculæ luteæ,	3
Neuro-retinitis,	22
Retinal hyperæmia,	6
“ hyperæsthesia,	1
“ hemorrhage,	1
“ atrophy,	1
Detachment of retina,	15
Rupture of retina,	1
Glioma of retina,	2
Achromatopsia,	2
Amblyopia, congenital,	1
Amaurosis from tobacco toxæmia, (central scotoma),	17
Optic neuritis,	28
Optic atrophy,	70
“ “ incipient,	25
“ “ congenital,	3
Hemianopsia,	2
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	243

9.—Affections of the Eye-ball.

Phthisis bulbi,	25
Panophthalmitis,	11
Contusion of eye-ball,	15
Burn "	11
Rupture "	1
Neuralgia "	1
Gun-shot wound of eye-ball,	6
Perforating " "	15
Foreign body in "	5
Buphthalmos,	1
Exophthalmus,	5
Microphthalmos,	1
Dislocation of eye-ball,	1
Irritable stump,	1
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	99
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10.—Affections of the Orbit and Vicinity.

Necrosis of orbit,	1
Foreign body in orbit,	1
Orbital cellulitis,	1
" neuralgia,	2
Cystic tumor of orbit,	1
	<hr/>
	6
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11.—Muscular and Nervous Affections.

Strabismus convergens,	195
Strabismus divergens,	35
Insufficiency of external rectus, (Esophoria),	16
	<hr/>
<i>Carried forward,</i>	246

<i>Brought forward,</i>	246
Insufficiency of internal rectus, (Exophoria),	33
Insufficiency of superior and inferior recti, (Hyperphoria),	1
Paralysis of oculo-motor nerve, total,	6
“ external rectus,	25
“ internal rectus,	10
“ inferior rectus,	2
“ levator palpebræ, (ptosis),	10
“ 5 orbicularis pair,	2
Spasm of orbicularis,	2
Hyperæsthesia of fifth pair,	1
Nystagmus,	27
Hysterical diplopia,	2
Muscular asthenopia,	8
Paralysis of external superior and inferior recti,	2
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	377
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12.—Anomalies of Refraction and Accommodation.

Asthenopia, accommodative,	141
Hypermetropia,	1,193
Hypermetropic astigmatism,	302
Compound hypermetropic astigmatism,	825
Myopia,	222
Myopic astigmatism,	115
Compound myopic astigmatism,	193
Mixed astigmatism,	114
Irregular astigmatism,	9
Anisometropia,	15
Presbyopia,	247
“ cum hypermetropia,	32
Aphakia,	12
Paresis of accommodation,	10
Progressive myopia,	1
	<hr/>
	3,431
	<hr/>

13.--Unclassified Cases.

Not treated,	70
Improper cases,	7
Undiagnosed,	21
Transferred to other Surgeons,	34
	<hr/>
	132
Total number of patients treated,	8,515
	<hr/>
Total,	<u>8,647</u>

Summary of Diseases.

Affections of the Lids and Eye-brows,	620
Affections of the Lachrymal Apparatus,	162
Affections of the Conjunctiva,	1,598
Affections of the Cornea and Sclerotic,	2,457
Affections of the Crystalline Lens,	385
Affections of the Iris and Ciliary body,	249
Affections of the Choroid and Vitreous,	177
Affections of the Retina and Optic Nerve,	243
Affections of the Eye-ball,	99
Affections of the Orbit and Vicinity,	6
Muscular and Nervous Affections,	377
Anomalies of Refraction and Accommodation,	3,431
Unclassified Cases,	132
	<hr/>
Total number of patients,	9,936
Total number treated,	9,804

OPERATIONS.

Cataract :—

Extraction, with iridectomy,	86
“ without iridectomy,	5
Discission,	37
Removal of capsule,	5
Capsulotomy,	12
Secondary,	2
	147

Iridotomy :—

For Occlusion of pupil after cataract,	4
--	---

Iridectomy :—

Preliminary to cataract extraction,	17
For Glaucoma, acute,	9
“ “ chronic,	9
“ Cataract, traumatic,	4
“ “ nuclear,	1
“ “ posterior polar,	1
“ “ zonular,	1
“ Staphyloma corneæ,	1
“ Central leucoma,	4
“ Adherent leucoma,	4
“ Occlusion of pupil,	4
“ Anterior synechia,	3
“ Posterior synechia,	1
“ Removal of foreign body from iris,	1
“ Irido-cyclitis,	1
“ Kerato-iritis,	1
“ Cyst of iris,	1
“ Prolapse of iris,	1

<i>Paracentesis Corneæ</i> :—	3
For Cataract, (swollen cortical),	3
“ Hyphæmia,	1
“ Hypopyon,	7
“ Glaucoma,	1
	<hr/>
	15
	<hr/> <hr/>

Enuclation of Eye-ball:—

For Irido-cyclitis,	9
“ Irido-choroiditis,	8
“ Suppurative cyclitis,	1
“ Suppurative choroiditis,	1
“ Panophthalmitis,	15
“ Phthisis bulbi,	4
“ Foreign body in eye-ball,	2
“ Perforating wound of eye-ball,	2
“ Total destruction of eyeball, (traumatic),	3
“ Gun-shot wound of eye-ball,	3
“ Burn of eye-ball,	1
“ Staphyloma corneæ,	5
“ Glaucoma, absolute,	2
“ Glioma retinae,	1
“ Sarcoma of iris,	1
“ Sympathetic irritation,	5
	<hr/>
	63
	<hr/> <hr/>

Operations on Cornea and Conjunctiva:—

Saemisch incision,	9
Galvano-cautery, for corneal ulcer,	3
Tattooing corneal leucoma,	1
Removal of foreign body in cornea,	1,520
Removal of foreign body in anterior chamber,	1
Removal of foreign body in conjunctiva,	9
Cyst of conjunctiva,	2
	<hr/>
<i>Carried forward</i> ,	1,545

<i>Brought forward,</i>	1,545
Pterygium,	28
Papilloma,	1
Granulation from conjunctiva,	4
Lipoma conjunctiva,	1
Pinguecula conjunctiva,	1
	<hr/>
	1,580
	<hr/> <hr/>

Operations on Lachrymal Apparatus :—

Bowman's operation,	110
Stilling's operation and lead style,	9
Incision lachrymal abscess,	4
Excision lachrymocele,	1
Galvano-cautery for fistula of sac,	1
	<hr/>
	125
	<hr/> <hr/>

Operations on the Lids and Eye-brows :—

Chalazion,	108
Hordeolum,	20
Canthoplasty,	33
Entropion, Arlt Jæsche,	5
" plastic, lower lid,	8
Ectropion,	3
Symblepharon,	7
Ptoſis,	2
Cellulitis, incised,	4
Palpebral abscess, incised,	1
Supra-orbital abscess, incised,	3
Electrolysis, for trichiasis,	6
Galvano-cautery, for granulations,	10
Removal of adenoma,	2
" dermoid tumor,	2
Abscess of lid,	1
	<hr/>
	215
	<hr/> <hr/>

Operations on Muscles:—

Tenotomy of internal rectus,	84
“ external “	1
“ superior oblique,	1
“ inferior rectus,	1
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	87
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Operations on Orbit and Vicinity:—

Epithelioma of orbit, removed,	1
Necrotomy, for caries of orbital bones,	1
Cyst of orbit, excised,	2
Foreign body in orbit removed,	1
Enlarging socket for artificial eye,	1
Plastic for new floor for socket,	1
Granuloma,	2
Melano-sarcoma of orbit,	1
	<hr/>
	10
	<hr/> <hr/>

Miscellaneous Operations:—

Sclerotomy,	2
“ for artificial pupil,	2
Scleral suture,	1
	<hr/>
	5
	<hr/>
Total operations,	2,315
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Summary of Operations.

Cataract, (primary and secondary),	147
Iridotomy,	4
Iridectomy,	64
	<hr/>
<i>Carried forward,</i>	215

<i>Brought forward,</i>	215
Paracentesis Corneæ,	15
Eucleation of Eye-ball,	63
Operations on Cornea and Conjunctiva,	1,580
Operations on Lachrymal Apparatus,	125
Operations on Lids and Eye-brows,	215
Operations on Muscles,	87
Operations on Orbit and Vicinity,	10
Miscellaneous Operations,	5
	<hr/>
Total number of operations,	2,315
	<hr/> <hr/>

NATIVITY OF PATIENTS.

United States,	7,042
Germany,	782
Scotland,	100
France,	32
Denmark,	15
Spain,	1
Sweden,	42
Canada,	32
Russia,	41
Australia,	5
Poland,	12
Africa,	3
St. Thomas,	1
Nova Scotia,	6
Norway,	12
Roumania,	2
Belgium,	4
East Indies,	1
West Indies,	3
Ireland,	1,445
England,	484
Wales,	32
Switzerland,	19
Austria,	22
Cuba,	3
<i>Carried forward,</i>	10,141

SUMMARY OF PLACE OF RESIDENCE.

Of the 471 patients admitted to the Hospital in 1889, there were :—

Residents of Philadelphia,	214
“ other parts of Pennsylvania,	190
	<hr/>
Total for Pennsylvania,	404
Other States,	67
	<hr/>
Total number treated,	<u>471</u>

Of those treated in the clinics in 1889, there were :—

Residents of Philadelphia,	8,161
“ other parts of Pennsylvania,	1,068
	<hr/>
Total for Pennsylvania,	9,229
Residents of other States,	977
	<hr/>
	10,206

FINANCIAL STATEMENTS.

INVESTED CAPITAL, DECEMBER 31, 1889.

Hospital Grounds and Buildings.....	\$150,000 00	
Philadelphia City 6 per cent. Loan.....	98,600 00	
“ “ 4 “ “	24,750 00	
Pennsylvania State 5 per cent. Loan.....	17,700 00	
Pittsburgh City 7 per cent. Loan.....	2,000 00	
“ “ 6 “ “	300 00	
Bonds and Mortgages.....	141,750 00	
Ground Rents.....	2,950 00	
Deposit, Philadelphia Saving Fund.....	300 00	
“ Western “	500 00	
“ Beneficial “	116 96	<u>\$438,966 96</u>

CASH RECEIPTS AND PAYMENTS DURING YEAR 1889.

RECEIPTS.

Income from Investments.

Interest Philadelphia City Loans.....	\$7,470 00	
“ Pennsylvania State Loans	885 00	
“ Pittsburgh City Loans.....	34 67	
“ Mortgages	5,242 76	
Ground Rents.....	156 50	<u>\$13,788 93</u>

Donations, Legacies, etc

Legacy of Mrs. Hannah C. Flickwir, balance.....	\$2,500 00	
“ Mr. Wm. B. Smith.....	190 00	
“ Miss Mary M. Colhoun.....	27,587 96	
Donations by patients	59 00	<u>30,336 96</u>
Income of “Yellow Fever Fund,” transferred to the use of Wills Hospital		626 94
Sale of sundries at Hospital.....		71 27
Investments paid off.....	\$29,200 00	
Portion of Advance to Steward, returned.....	300 00	<u>29,500 00</u>

Total Cash Receipts.....	\$74,324 10
Cash Balance January 1, 1889.....	1,358 53

\$75,682 63

PAYMENTS.

Ordinary Running Expenses.

Salaries and Wages.....	\$3,923 54	
Subsistence.....	7,422 90	
Dry Goods.....	330 39	
Furniture.....	1,011 33	
Sundry House Expenses.....	2,234 97	
Medical Expenses.....	1,473 78	
Repairs.....	532 62	
Miscellaneous Expenses.....	114 82	
Proportion of General Expenses.....	329 37	<u>\$17,373 72</u>

Extraordinary Expenditures.

Improvements to Hospital.....	180 81	
Expenses of Investments, Premiums, etc.....	590 75	
Investments and Re-investments.....	57,516 96	<u>58,288 52</u>

Total Cash Payments.....	75,662 24
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Cash Balance December 31, 1889.....	<u>\$20 39</u>
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GEO. E. KIRKPATRICK,
Superintendent City Trusts.

FORM OF A BEQUEST

FOR THE USE OF THE WILLS HOSPITAL.

I give and bequeath to "The City of Philadelphia in trust for the use of the Wills Hospital for the Relief of the Indigent Blind and Lame," the sum of..... (or real estate, as the case may be).

SUPPORTED exclusively by the
income of JAMES WILLS'
ENDOWMENT FUND, and by
voluntary contributions.



